



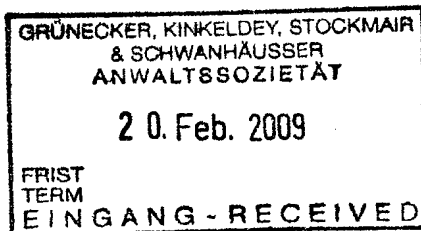
European Patent Office
Postbus 5818
2280 HV RIJSWIJK
NETHERLANDS
Tel. +31 (0)70 340-2040
Fax +31 (0)70 340-3016



Copy

For any questions about
this communication:
Tel.: +31 (0)70 340 45 00

Grünecker, Kinkeldey,
Stockmair & Schwanhäusser
Anwaltssozietät
Leopoldstrasse 4
80802 München
ALLEMAGNE



Date
19.02.09

Reference ✓ EP42237PJ900kja	Application No./Patent No. 04792410.5 - 1245 / 1686482 PCT/JP2004015182
Applicant/Proprietor Panasonic Corporation ✓	

Communication

The European Patent Office herewith transmits as an enclosure the supplementary European search report under Article 153(7) EPC for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

- ☒ 1 additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

Refund of the search fee

If applicable under Article 9 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.



**SUPPLEMENTARY
EUROPEAN SEARCH REPORT**

Application Number
EP 04 79 2410 ✓

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X ①	US 5 745 418 A (MA CHUNG-WEN [TW] ET AL) 28 April 1998 (1998-04-28)	7,8	INV. G06F3/06 G06F12/00
A	* figures 2,5,7,9 * * column 3, line 59 - column 4, line 31 * * column 5, line 13 - column 7, line 35 * * column 10, line 39 - column 11, line 64 *	1-6	
A ②	US 2002/166022 A1 (SUZUKI SHIGEO [JP]) 7 November 2002 (2002-11-07) * figure 1 * * paragraph [0030] - paragraph [0041] * * paragraph [0058] - paragraph [0061] *	1-8	
A ③	US 5 630 093 A (HOLZHAMMER GERALD S [US] ET AL) 13 May 1997 (1997-05-13) * figures 3,4 * * column 7, line 24 - line 36 * * column 12, line 44 - line 67 *	1-8	<div>TECHNICAL FIELDS SEARCHED (IPC)</div> <div>G06F G11B</div>
<p>The supplementary search report has been based on the last set of claims valid and available at the start of the search.</p>			
Place of search The Hague		Date of completion of the search 12 February 2009	Examiner Alliot, Sylvain
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 04 79 2410 ✓

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

12-02-2009

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5745418	A	28-04-1998	DE	69635962 T2	16-11-2006
			EP	0882264 A1	09-12-1998
			JP	4005142 B2	07-11-2007
			JP	2002513484 T	08-05-2002
			US	5933368 A	03-08-1999
			WO	9824029 A1	04-06-1998
US 2002166022	A1	07-11-2002	JP	2000057039 A	25-02-2000
US 5630093	A	13-05-1997	NONE		